

ABSTRACT

A wireless earphone with a mainframe separated with an output unit comprises a mainframe having a signal portion having a transmission chip, a message processing unit for bidirectionally
5 receiving / transmitting far-end bidirectional signals; and a positioning unit assembled and clamped in a human body; and an output unit having a voice emitting unit arranged at an ear of the human body and outputting signals, a receiving unit arranged at the speaking portion of the human body and then inputting signal to the
10 message processing unit. The mainframe is separated with the output unit, thereby, the whole weight is reduced so as to provide a comfort feeling to the user.